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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: September 8, 2004

(use as many sheets as necessary)

Complete if Known

Application Number	Unassigned 10/507020
Filing Date	09/08/2004
First Named Inventor	Masashi IWAMI
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	038440-0112

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

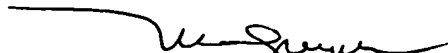
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
T. J	A1	EP	1 189 364	A1	SANYO ELECTRIC CO. LTD.	03-20-2002		
T. J	A2	JP	2002-043995		SANYO ELECTRIC CO. LTD.	02-08-2002		A
T. J	A3	JP	2002-026788		MATSUSHITA ELECTRIC IND. CO. LTD.	01-25-2002		A
T. J	A4	JP	01-238322		NEC CORP.	09-22-1989		A
T. J	A5	WO	00/79702	A1	HOKKAIDO UNIVERSITY	12-28-2000		A

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
T. J	A6	N. KIKUMA, "Chapter 3: MMSE Adaptive Array," Adaptive Signal Processing by Array Antenna, pp. 35-49; (including partial translation pp. 1-7).	

Examiner Signature



Date Considered

5/16/06

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/507,020
Filing Date	09/08/2004
First Named Inventor	Masashi IWAMI
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	038440-0112

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		Number	Kind Code ² (if known)			
T.~	B1	2002/0032015	A1	KITAKADO et al.	03-14-2002	

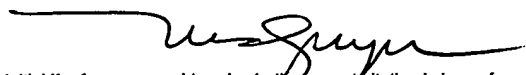
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